

**WHAT IS CLAIMED IS:**

*Pub B37* 1. A method of implanting a final prosthesis assembly in a resected bone, comprising the steps of:

positioning a trial assembly in said resected bone, said trial assembly including a trial body portion having a trial bore defined therein, and a trial head portion having (i) a trial head member which includes a trial offset indicia, and (ii) an eccentrically located trial head stem extending from said trial head member, said trial head stem being configured to be received within said trial bore;

rotating said trial head portion relative to said trial body portion while said trial assembly is positioned in said resected bone so as to position said trial head portion relative to said trial body portion at an aligned orientation whereby said trial head portion covers a resected surface of said resected bone;

removing said trial assembly from said resected bone after said rotating step;

positioning said trial assembly in a scale mechanism whereby said trial offset indicia of said trial head portion aligns with a value on said scale mechanism;

securing a final head portion to a final body portion based on said value so as to form said final prosthesis assembly; and

implanting said final prosthesis assembly in said resected bone after said securing step.

2. The method of claim 1, further comprising the step of securing said trial head portion to said trial body portion when said trial head portion is positioned relative to said trial body portion at said aligned orientation.

3. The method of claim 2, wherein:

said trial body portion includes a set of internal threads located within said trial bore,

said trial head portion further includes an externally threaded fastener positioned within a passageway which extends through said trial head portion, and

said securing step includes the step of advancing said externally threaded fastener into meshing engagement with said set of internal threads so as to secure said trial head portion in fixed relation to said trial body portion.

4. The method of claim 1, wherein:

said trial body portion includes (i) a trial body stem, (ii) a neck attached to said trial body stem, and (iii) a flat attached to said neck, and

said trial bore extends through said flat and into said neck.

5. The method of claim 1, wherein:

said scale mechanism includes an indicia surface, and

said value is identified on said indicia surface.

6. The method of claim 5, wherein:

said indicia surface possesses markings which depict a clock which is divided into a plurality of sections, and

said value is identified on one of said plurality of sections.

7. The method of claim 5, wherein:  
said scale mechanism includes a channel defined therein, and  
said trial assembly positioning step includes the step of locating said trial body portion within said channel.
8. The method of claim 7, wherein:  
said trial body portion locating step includes the step of locating said trial head portion adjacent to said indicia surface.
9. The method of claim 1, wherein said final head portion includes (i) a final head member having a final offset indicia, and (ii) an eccentrically located final head stem extending from said final head member.
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10. The method of claim 9, wherein:  
said final head stem possesses a male taper configuration,  
said final body portion has a final bore defined therein,  
said final bore possesses a female taper configuration, and  
said attaching step includes the step of advancing said final head stem into said final bore in a friction fit manner.
11. The method of claim 9, wherein:  
said scale mechanism includes an indicia surface,  
said value is indicated on said indicia surface,  
said scale mechanism further includes a channel define therein, and  
said attaching step includes locating said final body portion within said channel.

12. The method of claim 11, wherein said attaching step further includes locating said final head portion adjacent to said indicia surface.

13. The method of claim 12, wherein said attaching step further includes positioning said final head portion relative to said final body portion at said aligned orientation.

14. The method of claim 13, wherein said step of positioning said final head portion relative to said final body portion includes the step of aligning said final offset indicia with said value identified on said indicia surface.

15. The method of claim 9, wherein:

    said trial offset indicia includes a notch defined in a surface of said trial head member, and

    said final offset indicia includes a removable sticker positioned on said final head member.

16. The method of claim 1, wherein said resected bone is a resected humerus.

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17. A method of implanting a final prosthesis assembly in a resected bone, comprising the steps of:

providing a trial assembly which includes a trial body portion having a trial bore defined therein, and a trial head portion having (i) a trial head member which includes a trial offset indicia, and (ii) an eccentrically located trial head stem extending from said trial head member;

positioning said trial body portion in said resected bone;

positioning said trial stem in said trial bore after said trial body positioning step;

moving said trial head portion in relation to said trial body portion after said trial stem positioning step so as to locate said trial head portion relative to said trial body portion at a user-selected orientation;

securing said trial head portion to said trial body portion at said user-selected orientation;

removing said trial assembly from said resected bone after said securing step;

positioning said trial assembly in a scale mechanism after said removing step whereby said trial offset indicia of said trial head portion aligns with a value on said scale mechanism;

attaching a final head portion in fixed relation to a final body portion based on said value so as to form said final prosthesis assembly; and

implanting said final prosthesis assembly in said resected bone after said attaching step.

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18. The method of claim 17, wherein:

    said trial body portion includes a set of internal threads located within said trial bore,

    said trial head portion further includes an externally threaded fastener positioned within a passageway which extends through said trial head portion, and

    said securing step includes the step of advancing said externally threaded fastener into meshing engagement with said set of internal threads so as to secure said trial head portion in fixed relation to said trial body portion.

19. The method of claim 17, wherein:

    said trial body portion includes a (i) a trial body stem, (ii) a neck attached to said trial body stem, and (iii) a flat attached to said neck, and

    said trial bore extends through said flat and into said neck.

20. The method of claim 17, wherein:

    said scale mechanism includes an indicia surface, and

    said value is identified on said indicia surface.

21. The method of claim 20, wherein:

    said indicia surface possesses markings which depict a clock which is divided into a plurality of sections, and

    said value is identified on one of said plurality of sections.

22. The method of claim 20, wherein:  
said scale mechanism includes a channel defined therein, and  
said trial assembly positioning step includes the step of locating said trial  
body portion within said channel.
23. The method of claim 22, wherein said trial body portion locating step  
includes the step of locating said trial head portion adjacent to said indicia  
surface.
24. The method of claim 17, wherein:  
said final head portion includes (i) a final head member having a final  
offset indicia, and (ii) an eccentrically located final head stem extending from  
said final head member,  
said final head stem possesses a male taper configuration,  
said final body portion has a final bore defined therein,  
said final bore possesses a female taper configuration, and  
said attaching step includes the step of advancing said final head stem  
into said final bore in a friction fit manner.
25. The method of claim 24, wherein:  
said scale mechanism includes an indicia surface,  
said value is indicated on said indicia surface,  
said scale mechanism further includes a channel defined therein, and  
said attaching step includes the steps of (i) locating said final body portion  
within said channel, (ii) positioning said final head portion relative to said final  
body portion so that said final offset indicia is aligned with said value identified  
on said indicia surface.

26. The method of claim 24, wherein:

    said trial offset indicia includes a notch defined in a surface of said trial head member, and

    said final offset indicia includes a removable sticker positioned on said final head member.

27. The method of claim 17, wherein said resected bone is a resected humerus.

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28. A kit, comprising:

    a trial assembly including a trial body portion having a trial bore defined therein, and a trial head portion having (i) a trial head member which includes a trial offset indicia, and (ii) an eccentrically located trial stem extending from said trial head member, said trial head stem being configured to be received within said trial bore; and

    a final prosthesis assembly including a final body portion having a final bore defined therein, and a final head portion having (i) a final head member which includes a final offset indicia, and (ii) an eccentrically located final head stem extending from said final head portion, said final head stem being configured to be received within said final bore.

29. The kit of claim 28, further comprising a scale mechanism having an indicia surface, wherein:

    said scale mechanism has a channel defined therein which is configured to receive said trial body portion, and

    said channel is configured so that said trial head portion is positioned adjacent to said indicia surface when (i) said trial body portion is located within said channel, and (ii) said trial head portion is supported by said trial body portion.

30. The kit of claim 29, wherein:

    said indicia surface possesses markings which depict a clock which is divided into a plurality of sections, and

    each of said plurality of sections possesses a distinct value indicated thereon.

31. The kit of claim 28, wherein:

    said trial body portion includes a set of internal threads located within said trial bore,

    said trial head portion further includes an externally threaded fastener positioned within a passageway which extends through said trial head portion, and

    said externally threaded fastener is configured to meshingly engage said set of internal threads so as to secure said trial head portion in fixed relation to said trial body portion.

32. The kit of claim 28, wherein:

    said final head stem possesses a male taper configuration,

    said final body portion has a final bore defined therein,

    said final bore possesses a female taper configuration, and

    advancement of said final head stem into said final bore of said final body portion in a friction fit manner causes said final head portion to be secured to said final body portion.

33. The kit of claim 28, wherein:

    said trial body portion includes (i) a trial body stem, (ii) a neck attached to said trial body stem, and (iii) a flat attached to said neck, and

    said trial bore extends through said flat and into said neck.

34. The kit of claim 28, wherein:

    said trial offset indicia includes a notch defined in said trial head member,  
and

    said final offset indicia includes a removable sticker positioned on a  
surface of said final head member.

35. The kit of claim 28, wherein:

    said trial body portion is configured to be advanced into a humerus, and

    said final body portion is also configured to be advanced into said  
humerus.

36. A kit, comprising:

    a trial assembly including (i) a trial body portion, (ii) a trial head portion  
which includes a trial offset indicia, and (iii) a fastener for securing said trial head  
portion to said trial body portion; and

    a final prosthesis assembly including a final body portion having a final  
bore defined therein, and a final head portion having (i) a final head member  
which includes a final offset indicia, and (ii) an eccentrically located final head  
stem extending from said final head portion, said final head stem being  
configured to be received within said final bore.

37. The kit of claim 36, wherein:

    said trial body portion has a trial bore defined therein, and

    said trial head portion has (i) a trial head member which includes said trial  
offset indicia, and (ii) an eccentrically located trial stem extending from said trial  
head member, said trial head stem being configured to be received within said  
trial bore.

38. The kit of claim 36, further comprising a scale mechanism having an indicia surface, wherein:

    said scale mechanism has a channel defined therein which is configured to receive said trial body portion, and

    said channel is configured so that said trial head portion is positioned adjacent to said indicia surface when (i) said trial body portion is located within said channel, and (ii) said trial head portion is supported by said trial body portion.

39. The kit of claim 38, wherein:

    said indicia surface possesses markings which depict a clock which is divided into a plurality of sections, and

    each of said plurality of sections possesses a distinct value indicated thereon.

40. The kit of claim 37, wherein:

    said trial body portion includes a set of internal threads located within said trial bore,

    said fastener includes an externally threaded portion,

    said fastener is configured to be received within a passageway which extends through said trial head portion, and

    said externally threaded portion is configured to meshingly engage said set of internal threads so as to secure said trial head portion in fixed relation to said trial body portion.

41. The kit of claim 36, wherein:

    said final head stem possesses a male taper configuration,

    said final body portion has a final bore defined therein,

    said final bore possesses a female taper configuration, and

    advancement of said final head stem into said final bore of said final body portion in a friction fit manner causes said final head portion to be secured to said final body portion.

42. The kit of claim 37, wherein:

    said trial body portion includes a (i) a trial body stem, (ii) a neck attached to said trial body stem, and (iii) a flat attached to said neck, and

    said trial bore extends through said flat and into said neck.

43. The kit of claim 37, wherein:

said trial offset indicia includes a notch defined in said trial head member,  
and

said final offset indicia includes a removable sticker positioned on a  
surface of said final head member.

44. The kit of claim 36, wherein:

said trial body portion is configured to be advanced into a humerus, and  
said final body portion is also configured to be advanced into said  
humerus.

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